

CLAIMS:

1. A fireworks remote control system comprising:
a central terminal unit for generating command control signals; and
a plurality of remote activation units each having associated therewith a firework, each of said remote activation units being responsive to one of said command control signals for ignition of said associated firework,
wherein said command control signals are communicated via a one-way wireless communication link, each of said command control signals having a user-programmable unique coded identification portion associated with a particular one of said remote activation units,
such that only specific ones of said plurality of remote activation units respond to any individual command control signal.
2. The system of claim 1 wherein said command control signals include a sleep command which activates a power saving mode in which said remote activation units consume a minimum power level.
3. The system of claim 2 wherein said command control signals include a wake-up command which cancels said power saving mode.
4. The system of claim 1 further comprising a beacon signal generated by said central terminal unit for receipt by said remote activation units, said remote activation units being responsive to said command control signals for ignition only if said beacon signal is actually received.
5. The system of claim 1 wherein said command control signals are generated in an automatic mode, in which said remote activation units respond in a sequential fashion in

accordance with a predetermined sequence and time delay relative to commencement of said sequence.

6. The system of claim 1 wherein each remote activation unit is programmable to enable receipt of said command control signals which are uniquely associated with a specific central terminal unit.

7. A method of operating a fireworks remote control system comprising the steps of:

providing a central terminal unit;

providing a plurality of remote activation units each having associated therewith a firework, each of said remote activation units being responsive to a command control signal for ignition of said associated firework;

generating command control signals in said central terminal unit; and

transmitting said command control signals via a one-way wireless communication link, each of said command control signals having a user-programmable unique coded identification portion associated with a particular one of said remote activation units,

such that only specific ones of said plurality of remote activation units respond to any individual command control signal.

8. The method of claim 7 wherein said generating step includes generation of a beacon signal, said remote activation units being responsive to said command control signals for ignition only if said beacon signal is actually received.

9. The method of claim 7 wherein said command control signals include a sleep command which activates a power saving mode in which said remote activation units consume a minimum power level.

10. The method of claim 9 wherein said command control signals include a wake-up command which cancels said power saving mode.

11. The method of claim 7 wherein said command control signals are generated in an automatic mode, in which said remote activation units respond in a sequential fashion in accordance with a predetermined sequence and time delay relative to commencement of said sequence.

12. The method of claim 7 wherein each remote activation unit is programmed to enable receipt of said command control signals which are uniquely associated with a specific central terminal unit.

13. A fireworks remote control system substantially as described herein by way of example and with reference to the drawings.

14. A method of operating a fireworks remote control system substantially as described herein by way of example and with reference to the drawings.

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